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ABSTRACT OF THE DISCLOSURE

A constructional bolt, suitable for use in the securement of lighting fixtures and in other applications, includes an elongate body having a longitudinal
10 internal channel including an open proximal end and a closed distal end, the distal end having a single orifice having a diameter in a range of about .008 inches (0.2 mm) about .020 inches (0.5 mm). Associated with the bolt is a pressurized water input to the proximal end of the channel at a pressure in a range of about 200 to about 1000 psi (1000 to 5000 cm Hg.). At such
15 pressures, atomized droplets, in a range of about 5 to about 100 microns, are ejected by the orifice causing a flash evaporation, this producing a substantially instantaneous cooling of the ambient atmosphere by as much as 30 degrees F (16 degrees C). A considerable number of such misting bolts may be provided to cool occupants within a defined space and in a system of
20 landscape misting.

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